

INTERNATIONAL SEARCH REPORT

International Application No

PC, EP2004/006280

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D405/12 A61K31/445 A61P1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, EMBASE, BIOSIS, CHEM ABS Data, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/37461 A (BOSMANS JEAN PAUL R M ; CLEYN MICHEL ANNA JOZEF DE (BE); JANSSEN PHARM) 29 June 2000 (2000-06-29) Claims 1-9; p. 18, l. 28-p. 19, l. 6; compounds 17, 47	1-10
Y	WO 00/15636 A ((CLARK ROBIN DOUGLAS ; JAHANGIR ALAM; HOFFMANN LA ROCHE) 23 March 2000 (2000-03-23) Claims 1-26; Formula I(B); p. 37, l. 23-p. 38, l. 2; p. 53, l. 21-23	1-10
Y	WO 99/02156 A (BOSMANS JEAN PAUL R M ; SURKYN MICHEL (BE); CLEYN MICHEL ANNA JOZEF DE) 21 January 1999 (1999-01-21) Claims 1-12; Formula I; p. 18, l. 24-p. 19, l. 17; compound 20	1-10

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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the International search

21 October 2004

Date of mailing of the International search report

28/10/2004

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INTERNATIONAL SEARCH REPORT

International Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>ES 2 103 675 A (ALMIRALL LAB) 16 September 1997 (1997-09-16) Claims 1-10; Formula (I); p. 2, l. 14-16 -----</p>	1-10

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 9
because they relate to subject matter not required to be searched by this Authority, namely:
Although claim 9 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP2004/006280

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0037461	A	29-06-2000	AU 770397 B2	19-02-2004
			AU 2432800 A	12-07-2000
			BG 105571 A	31-01-2002
			BR 9916491 A	04-09-2001
			CA 2355857 A1	29-06-2000
			CN 1331690 T	16-01-2002
			CZ 20012117 A3	17-10-2001
			EA 3608 B1	26-06-2003
			EE 200100335 A	15-08-2002
			WO 0037461 A1	29-06-2000
			EP 1140915 A1	10-10-2001
			HR 20010445 A1	30-06-2002
			HU 0104838 A2	29-07-2002
			ID 28953 A	19-07-2001
			JP 2002533337 T	08-10-2002
			NO 20012858 A	08-06-2001
			NZ 512871 A	26-11-2002
			PL 348417 A1	20-05-2002
			SK 8592001 A3	05-02-2002
			TR 200101962 T2	22-04-2002
			TW 570920 B	11-01-2004
			US 2003181456 A1	25-09-2003
			US 6544997 B1	08-04-2003
			ZA 200105135 A	21-06-2002
WO 0015636	A	23-03-2000	AU 758807 B2	27-03-2003
			AU 5857299 A	03-04-2000
			BR 9913542 A	05-06-2001
			CA 2340952 A1	23-03-2000
			CN 1142161 C	17-03-2004
			WO 0015636 A1	23-03-2000
			EP 1112270 A1	04-07-2001
			JP 3366323 B2	14-01-2003
			JP 2002524561 T	06-08-2002
			TR 200100698 T2	23-07-2001
			US 6172062 B1	09-01-2001
			ZA 200101833 A	05-06-2002
WO 9902156	A	21-01-1999	AT 255092 T	15-12-2003
			AT 226820 T	15-11-2002
			AU 747199 B2	09-05-2002
			AU 8806398 A	08-02-1999
			AU 734475 B2	14-06-2001
			AU 8857498 A	08-02-1999
			BG 63709 B1	31-10-2002
			BG 103983 A	29-09-2000
			BG 64230 B1	30-06-2004
			BG 103984 A	29-09-2000
			BR 9811687 A	26-09-2000
			BR 9811688 A	26-09-2000
			CA 2295087 A1	21-01-1999
			CA 2295088 A1	21-01-1999
			CN 1117568 B	13-08-2003
			CN 1262674 T	09-08-2000
			DE 69809050 D1	05-12-2002
			DE 69809050 T2	24-07-2003
			DE 69820065 D1	08-01-2004
			DE 69820065 T2	26-08-2004

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PL 17 LP2004/006280

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9902156	A	DK 1000028 T3	05-04-2004
		DK 991410 T3	24-02-2003
		EA 2619 B1	27-06-2002
		EE 200000015 A	16-10-2000
		WO 9902494 A1	21-01-1999
		WO 9902156 A1	21-01-1999
		EP 1206938 A1	22-05-2002
		EP 1000028 A1	17-05-2000
		EP 0991410 A1	12-04-2000
		ES 2212330 T3	16-07-2004
		ES 2187051 T3	16-05-2003
		HK 1025093 A1	02-04-2004
		HK 1025047 A1	21-03-2003
		HR 200000005 A1	31-12-2000
		HR 200000006 A1	31-12-2000
		HU 0004564 A2	30-07-2001
		ID 24161 A	13-07-2000
		ID 24481 A	20-07-2000
		JP 2002508000 T	12-03-2002
		JP 2001509503 T	24-07-2001
		NO 20000115 A	13-03-2000
		NO 20000116 A	07-03-2000
		NZ 502208 A	27-04-2001
		NZ 502209 A	26-01-2001
		PL 338005 A1	25-09-2000
		PL 338008 A1	25-09-2000
		PT 1000028 T	30-04-2004
		PT 991410 T	31-03-2003
ES 2103675	A	16-09-1997	ES 2103675 A1
			16-09-1997